

432-1050

05/09/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

5.9.13

Jan Brill
Bayer Environmental Science
2 T.W. Alexander Dr.
Raleigh, NC 22709

Subject: Amended Reregistration Label
Product Name: Pyrenonoe 25-5 M.A.G.C.
EPA Registration Number: 432-1050
EPA Decision Number: 411811, 411276

Dear Mr. Brill:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the pyrethrins and PBO REDs, and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any CSFs other than those listed below are superseded.

- Basic CSF dated >> 04/17/12
- Alternate CSF #1 dated >> 04/18/12
- Alternate CSF #2 dated >> 04/19/12

A copy of your label is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes

acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Gene Benbow at 703-347-0235 or benbow.gene@epa.gov.

Sincerely,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

*Enclosures: Acute Toxicity Review, dated 02/27/12
Product Chemistry Review, dated 11/06/12
Stamped Accepted Label, dated*

PYRENONE® 25-5 M.A.G.C.

- * FOR APPLICATION AS A SPACE, AREA OR CONTACT SPRAY.
DEPENDENT UPON PESTS TO BE CONTROLLED AND THE AREA TO BE TREATED, MAY BE APPLIED THROUGH MECHANICAL AEROSOL GENERATORS (ULV) OR THERMAL FOGGING EQUIPMENT AS WELL AS CONVENTIONAL FOGGING OR SPRAYING EQUIPMENT.
- * MAY BE USED OVER ALL CROPS.

ACTIVE INGREDIENTS

Pyrethrins	5.0%
*Piperonyl Butoxide.....	25.0%
†OTHER INGREDIENTS.....	70.0%
	100.0%

*(butylcarbityl) (6-propylpiperonyl) ether and related compounds.

†Contains Petroleum Distillates

Contains 0.367 pounds of Pyrethrins per gallon.

Contains 1.83 pounds of Piperonyl Butoxide per gallon.

EPA REG. NO. 432-1050

EPA EST. NO.

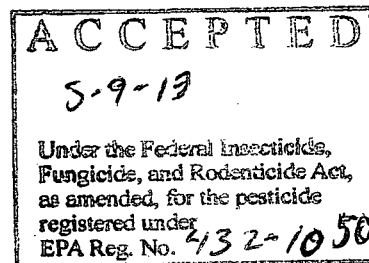
KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577.	
Note To Physician: Contain petroleum distillates – vomiting may cause aspiration pneumonia.	

See Rear Panel For Additional Precautions



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves (such as those made out of Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton, Selection Category E).

In addition to the above PPE, applicators using a high pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with:

- a dust/mist filter MSHA/NIOSH approval number prefix TC-21C) or
- any N, R, P or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C),
- or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any N, R, P or HE filter.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

See engineering controls for additional requirements.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.24(d)(6)].

Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

ENVIRONMENTAL HAZARDS for TERRESTRIAL APPLICATIONS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift to blooming crops or weeds while bees are actively visiting the treatment area.

Except as specified in the directions for use, do not apply directly to water, to areas where surface water is present to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ENVIRONMENTAL HAZARDS for WIDE AREA MOSQUITO ADULTICIDE APPLICATIONS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates.

When applying as a wide area mosquito adulticide, before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or is specifically approved by the state or tribe during a natural disaster recovery effort.

When applying as a wide area mosquito adulticide, do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries, except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL FOR DIRECTIONS

WIDE AREA MOSQUITO CONTROL

For use by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if permits or other regulatory requirements exist.

Pyrenone 25-5 M.A.G.C provides effective control of adult mosquitoes, all common diptera in areas such as but not limited to industrial areas, urban areas, parks, campsites, woodlands, athletic fields, golf courses, playgrounds, recreational and overgrown waste areas, roadsides, and other public areas where adult mosquitoes and flies occur. Pyrenone 25-5 M.A.G.C. may be used over agricultural crops. For best results, apply when meteorological conditions create a temperature inversion and ground wind speed is equal to or greater than 1 mph. The application should be made so the wind will carry the insecticidal fog into the area being treated. Pyrenone 25-5 M.A.G.C can be applied as undiluted or diluted with refined soybean oil, light mineral oil of 54 second viscosity or other suitable solvent or diluent. Use a white mineral oil diluent conforming to regulation 21CFR 178.3620(b) or a odorless light petroleum hydrocarbon diluent conforming to 21CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre- and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance).

Spray Droplet Size Determination

Ground Equipment:

Spray equipment must be adjusted so that the volume median diameter is less than 30 microns ($Dv\ 0.5 < 30\ \mu m$) and that 90% of the spray is contained in droplets smaller than 50 microns ($Dv\ 0.9 < 50\ \mu m$). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial Equipment:

Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns ($Dv\ 0.5 < 60\ \mu m$) and that 90% of the spray is contained in droplets smaller than 80 microns ($Dv\ 0.9 < 80\ \mu m$). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

All types of applications should be conducted at temperatures at or above 50°F. Apply when ground wind speeds are equal to or greater than 1mph.

The maximum application rate for wide area mosquito adulticide applications is 0.0025 lbs pyrethrin/acre, or 0.05 lbs Pyrenone 25-5 M.A.G.C. When targeting *Aedes Taeniorhynchus* and other difficult species applications may be made up to 0.008 lbs pyrethrin/acre/day, or 0.16 lbs Pyrenone 25-5 M.A.G.C./acre/day.

Do not apply more than 0.2 lbs pyrethrin/acre/year, or 4.0 lbs Pyrenone 25-5 M.A.G.C./acre/year whichever is lower in any treated area. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

GROUND APPLICATION

Vehicle-Mounted ULV Cold Aerosol Generators or Vehicle-Mounted Non-Thermal Aerosol (Cold Fog): Apply through non-thermal ULV application equipment and base acreage calculations on the equipment manufacturer's recommended swath width. An optimum swath is created when Pyrenone 25-5 M.A.G.C. is applied from a truck that is being driven perpendicular to the wind direction. Direct the spray head of equipment to ensure even distribution of the spray cloud throughout the area. For best results, apply when insects are most active and meteorological conditions are conducive to keeping the spray cloud in the air column close to the ground. An inversion of air temperatures and a light breeze is preferable. Application during the cooler hours of the night or early morning is recommended.

WIDE AREA MOSQUITO CONTROL (continued)

Pyrenone 25-5 M.A.G.C. may be applied through ULV Cold Aerosol Generators, or other equipment designed for non-thermal ULV aerosol applications. The desired application rate may be obtained under different conditions by altering the dilution rate of Pyrenone 25-5 M.A.G.C., the flow rate of the insecticide from the application equipment and the vehicle speed:

Pyrenone 25-5 M.A.G.C. may also be diluted with oil or suitable solvent and apply so as not to exceed the maximum pounds of active ingredient per acre as show in the table below. If an alternative dilution rate is used, adjust the flow rate accordingly, provided the droplet size and spectrum remains with label specifications.

		Flow Rate (Fluid Ounces Per Minute)		
Application rate (lb pyrethrins/acre)	Vehicle Speed (MPH)	Undiluted	Diluted 1:1	Diluted 1:2
0.0009	5	1.0	1.9	2.9
	10	1.9	3.8	5.7
	15	2.9	5.7	8.6
	20	3.8	7.6	11.4
0.0018	5	1.9	3.8	5.7
	10	3.8	7.6	11.4
	15	5.7	11.4	17.1
	20	7.6	15.2	22.8
0.0025	5	2.6	5.3	7.8
	10	5.3	10.6	15.8
	15	7.9	15.8	23.8
	20	10.6	21.2	31.8

AERIAL APPLICATION: To control adult mosquitoes and biting flies, Pyrenone 25-5 M.A.G.C. may be applied either diluted or undiluted by fixed wing or rotary aircraft that are capable of making a ULV application. Do not apply by fixed wing aircraft at a nozzle height less than 100 feet, or by helicopter at a height less than 75 feet above the ground or canopy unless specifically approved by the state or tribe based on public health needs.

For best results, treat when insects are most active and meteorological conditions are conducive to keeping the spray cloud in the air column close to the ground. In order to compensate for windy conditions and ensure drift onto the target area aerial application with aircraft equipped with Global Positioning Systems (GPS) is recommended.

Backpack Spray Application: Dilute 1 part Pyrenone 25-5 M.A.G.C. with 10 parts oil or suitable diluent and apply at the rate of 7 ounces per acre (based on a 50 foot swath, 7 ounces should be applied while walking 870 feet).

USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Do not enter or allow others to enter until sprays have dried.
- Do not allow adults, children, or pets to enter until treated area has been thoroughly ventilated.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Only protected handlers may be in the area during application.
- Do not apply directly to food.
- Remove and cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- All food processing surfaces and equipment must be covered or washed with an effective cleaning compound followed by a potable water rinse after use of this product.
- Remove pets, birds and cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for two hours before returning patients.
- Do not use in aircraft cabins
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Do not make space spray applications when facility is in operation.
- Prior to space spray applications, cover or remove food.
- Prior to space spray applications, cover food-processing surfaces, or clean after treatment and before use.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

Application Restrictions for Outdoor Residential Use – Does not apply to Wide Area Mosquito Control

- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack and crevice treatment. During application, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.
- All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 1. Applications to soil or vegetation, as listed on this label, around structures;
 2. Applications to lawns, turf, and other vegetation, as listed on this label;
 3. Applications to the side of a building, up to a maximum height of 3 feet above grade;
 4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
 5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
 6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.
- Not for use in outdoor residential misting systems.
- For directed spray: Except for wide-area mosquito adulticide applications, do not enter or allow others to enter treated area until sprays have dried.
- For space spray: Except for wide-area mosquito adulticide applications, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Except for wide-area mosquito adulticide applications, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Except for wide-area mosquito adulticide applications, do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

SPACE AND/OR CONTACT USE AREAS:

Bakeries	Meat Packaging Plants
Beverage Plants	Motels
Canneries	Office Buildings
Cattle Barns	Poultry Houses
Dried Food Products	Railroad Cars
In Storage or Processing	Restaurants
Flour Mills	Schools
Food Processing Plants	Stored Food in Multi-
Grain Elevators	Wall Paper or Cloth
Granaries	Bags
Homes	Supermarkets

Horse Barns	Swine Houses
Hospitals	Truck Trailers
Hotels	Warehouses
Industrial Installations	Wineries
	Zoos

OUTDOOR USE AREAS:

Corrals	Parks
Drive-in Restaurants	Playgrounds
Drive-in Theaters	Recreational areas
Feedlots	Residences
Golf Courses	Swine Yards
Municipalities	Vineyards
	Zoos

PYRENONE® 25-5 M.A.G.C. is effective in the control of the indicated insects if the applicator follows directions for use as enumerated below:

<i>All Common Diptera</i>	<i>Horn Flies</i>
<i>Angoumois grain moths</i>	<i>Hornets</i>
<i>Ants</i>	<i>Horse Flies</i>
<i>Boxelder Bugs</i>	<i>House Flies</i>
<i>Cadellas</i>	<i>Indian Meal Moths</i>
<i>Cheese Mites</i>	<i>Lice</i>
<i>Cheese Skippers</i>	<i>Mediterranean Flour</i>
<i>Cigarette Beetle</i>	<i>Moths</i>
<i>Clover Mites</i>	<i>Mosquitoes</i>
<i>Cockroaches</i>	<i>Red Flour Beetles</i>
<i>Confused Flour Beetle</i>	<i>Rice Weevils</i>
<i>Dark Mealworms</i>	<i>Saw-toothed Grain</i>
<i>Deer Flies</i>	<i>Beetles</i>
<i>Dried Fruit Beetles</i>	<i>Small flying Moths</i>
<i>Drugstore Beetles</i>	<i>Spider Beetles</i>
<i>Earwigs</i>	<i>Stable Flies</i>
<i>Fleas</i>	<i>Tobacco Moths</i>
<i>Fruit Flies</i>	<i>Wasps</i>
<i>Gnats</i>	<i>Yellow Mealworms</i>
<i>Grain Mites</i>	
<i>Granary Weevils</i>	

In hospitals, remove patients before treatment. Ventilate room for 2 hours following treatment before returning patients.

INDOOR USE AS A SPACE SPRAY, UNDILUTED:

The use of this product in food processing or food handling establishments (bakeries, beverage plants, canneries, food processing plants, hospitals, hotels, industrial installations, meat packing plants, restaurants, schools, supermarkets and warehouses) should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned with a suitable detergent and rinsed with potable water before using.

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray of 10-25 microns VMD. Apply at a rate of ½ oz. per 1000 cu. ft. of space. Direct the spray toward the ceiling and upper corners of the area and behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Do not apply more than 1 time per day.

The above described application will kill accessible exposed stages of fleas, flies (including fruit flies), mosquitoes, small flying moths, gnats, wasps, hornets, clover mites, cheese mites, cheese skippers, boxelder bugs, earwigs, ants and the following common stored product pests: granary weevils, rice weevils, confused flour beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, angoumois grain moths, Mediterranean flour moths, Indian meal moths, tobacco moths, yellow mealworms, dark mealworms, grain mites, cadelles and red flour beetles.

DRIED FRUIT PRODUCTS in storage or being processed for control of confused flour beetles, dried fruit beetles, Indian meal moths or saw-toothed grain beetles. Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use 1 oz. per 1000 cu. ft. of space. Repeat application at this dosage in any given month. Leave the room closed for 1 hour. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible exposed stages of dried fruit beetles as well as those pests named above.

STORED FOOD (Stored in multi-walled bags or in cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries, for control of angoumois grain moths, cadelles, confused flour beetles, Indian meal moths, Mediterranean flour moths, rice weevil, saw-

toothed grain beetles, yellow mealworms, cheese mites, cheese skippers, cigarette beetles, grain mites, granary weevils, dark mealworms and red flour beetles. Remove and destroy infested products. As noted above, disperse this product, first by directing spray into corners, under pallets and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of 1 fl.oz. per 1000 cu. ft. of room space. Repeat application as necessary for insect control. Leave room closed for 1 hour. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above.

INDOOR USE AS A SPACE SPRAY, DILUTED:

For use in conventional mechanical fogging equipment, to kill *Flies*, *Fruit Flies*, *Mosquitoes*, *Small Flying Moths and Gnats*. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts of oil or suitable solvent and mix well.

Use a white mineral oil diluent conforming to regulation 21CFR 178.3620(b) or an odorless light petroleum hydrocarbon diluent conforming to 21CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre- and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Using equipment adjusted to deliver aerosol droplets (30 microns or less), apply at the rate of 1-2 fl. oz. per 1000 cu. ft. filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs, but not more than one per day.

SURFACE SPRAY: To insure maximum control of crawling insects (ants, boxelder bugs, clover mites, cockroaches, drugstore beetles, earwigs, lice, spider beetles), dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts oil or suitable solvent and mix well. Apply as a coarse droplet spray using approximately 1 gal to 750 sq. ft. of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying, processing and handling equipment. Spray thoroughly around the bases of heavy machinery and equipment. Spray insects directly when possible.

For in-transit protection, clean and spray truck beds, boxcars and ship's holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

TO CONTROL INDIAN MEAL MOTHS AND ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1000 sq. ft. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with a rake before spraying and make a second application in 2 weeks.

As an aid in the control of *Mosquitoes*, *Gnats*, *Wasps and Skippers*: Treat walls, ceilings, moldings, screens, door and window frames, light cords and similar resting places.

ANIMAL QUARTER USE: (cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray diluted for use in conventional mechanical fogging equipment to kill *Flies*, *Mosquitoes*, *Small Flying Moths and Gnats*. Dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts oil or suitable solvent and mix well. Apply at a rate of 2 fl. oz. per 1,000 cu. ft. of space above the animals. Direct spray towards the upper portions of the enclosure. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs, but not more than once per day.

TEMPORARY REDUCTION OF ANNOYANCE from *Flies*, *Mosquitoes and Small Flying Moths* outdoors. The directions for outdoor ground application noted below will afford temporary reduction of annoyance from these pests in public theaters, golf courses, municipalities, parks, playgrounds and recreational areas. Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary, but not more than once per day.

In treatment of corrals, feed lots, swine lots, and zoos, cover any exposed drinking water, drinking water fountains and animal feed before application. Treat area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product. Repeat as necessary.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage and Spill Procedures:

Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling:

Rigid, Non-refillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with mineral oil and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with mineral oil. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with mineral oil. Agitate vigorously or recirculate mineral oil with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire *Directions for Use, Conditions, Disclaimer of Warranties, and Limitations of Liability* before using this product. If terms are not acceptable, return the unopened product container at once.

To the extent consistent with applicable law by using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. To the extent consistent with applicable law all such risks shall be assumed by the user or buyer.

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